



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

*Complete if Known*

Application Number	10/797,893
Filing Date	March 9, 2004
First Named Inventor	Beraud, Christophe
Art Unit	1642 1652
Examiner Name	NOT YET ASSIGNED Monshi Pour

Attorney Docket Number 020552-004921US

### U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>3</sup> (if known)			
RE	A1	US-6,207,403 B1	03-2001	Goldstein et al.	
RE	A2	US-6,387,644 B1	05-14-2002	Beraud	
RE	A3	US-6,410,254	06-25-2002	Finer et al.	
	A4				

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	B1	PCT	WO 98/37197	08-27-1998			<input type="checkbox"/>
	B2	PCT	WO 99/13061 A1	03-18-1999			<input type="checkbox"/>
	B3	PCT	WO 00/63353	10-26-2000			

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
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				Examiner Name	NOT YET ASSIGNED Molishipu
Sheet	2	of	3	Attorney Docket Number	020552-004921US

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	C1	Adams et al., "pavarotti encodes a kinesin-like protein require to organize the central spindle and contractile ring for cytokinesis," <i>Genes &amp; Development</i> , 12:1483-1494 (1998).			
	C2	Aizawa et al, "Kinesin Family in Murine Central Nervous System," <i>Journal of Cell Biology</i> , 119:1287-1296 (1992).			
	C3	Blangy et al., "Phosphorylation by p34cdc <sup>2</sup> Regulates Spindle Association of Human Eg5, a Kinesin-Related Motor Essential for Bipolar Spindle Formation in Vivo," <i>Cell</i> , 83:1159-1169 (1995).			
	C4	Cole et al., "A 'Slow' Homotetrameric Kinesin-related Motor Protein Purified from <i>Drosophila</i> Embryos," <i>Journal of Biological Chemistry</i> , 269(37):22913-22916 (1994).			
	C5	Crevel et al, "Kinetic evidence for low chemical processivity in nod and Eg5," <i>J. Mol Biol.</i> , 273:160-170 (1997).			
	C6	Debernardi et al. "Identification of a Novel Human Kinesin Related Gene (HK2) by the cDNA Differential Display Technique" <i>Genomics</i> , 1997, pp. 67-73, Vol. 42.			
	C7	Desai et al, "Kin I Kinesins Are Microtubule-Destabilizing Enzymes," <i>Cell</i> , 96:69-78 (1999).			
R.R.	C8	GenBank Accession No. D38751, Direct Submission, Jun., 2000.			
	C9	GenBank Accession No. Q14807 Nov. 1996			
	C10	Kim et al., "Cloning and expression of human mitotic centromere-associated kinesin gene," <i>Biochimica et Biophysica Acta</i> , 1359:181-186(1997).			
	C11	Kuriyama et al, "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesinlike protein," <i>Journal of Cell Science</i> , 107:3485-3499 (1994).			
	C12	LeGuellec et al., "Cloning by Differential Screening of a <i>Xenopus</i> cDNA That Encodes," <i>Molecular and Cellular Biology</i> , 11(6):3395-3398 (1991).			
	C13	Lockhart et al., "Kinetics and Motility of the Eg5 Microtubules Motor," <i>Biochemistry</i> , 35:2365-2373 (1996).			
R.R.	C14	Nakagawa, et al. "Identification and classification of 16 new kinesin superfamily (KIF) protein in mouse genome". Proc. Natl. Acad. Sci. U.S.A. 1997, pp.9654-9659, Vol. 94, No. 18.			
	C15	Nislow et al., "A plus-end-directed motor enzyme that moves antiparallel microtubules <i>in vitro</i> localizes to the interzone of mitotic spindles," <i>Nature</i> , 359:543-547 (1992).			
	C16	Noda et al, "KIF2 Is a New Microtubule-based Anterograde Motor That Transports Membranous Organelles Distinct from Those Carried by a Kinesin Heavy Chain or KIF3A/B," <i>Journal of Cell Biology</i> , 129:157-167 (1995).			

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	C17	Okada et al, "A Processive Single-Headed Motor: Kinesin Superfamily Protein K1 F1A," <i>Science</i> , 283:1152-1157 (1999).		
	C18	Pierce et al. "Imaging individual green fluorescent proteins" <i>Nature</i> , 1997, pp. 338, Vol. 388, No. 6640.		
	C19	Raich et al, "Cytokinesis and Midzone Microtubule Organization in <i>Caenorhabditis elegans</i> Require the Kinesin-like Protein ZEN-4," <i>Molecular Biology of the Cell</i> , 9:2037-2049 (1998).		
	C20	Sawin et al, "Mitotic spindle organization by a plus-end-directed microtubule motor," <i>Nature</i> , 359:540-543 (1992).		
	C21	Sekine et al., "A Novel Microtubule-based Motor Protein (KIF4) for Organelle Transports, Whose Expression is Regulated Developmentally," <i>Journal of Cell Biology</i> , 127(1):187-201 (1994).		
	C22	Thrower et al, "Mitotic HeLa cells contain a CENP-associated minus end-directed microtubule motor," <i>EMBO J.</i> , 14(5):918-926 (1995).		
C.R.	C23	Tokai et al. "Kid, a novel kinesin-like DNA binding protein, is localized to chromosomes and the mitotic spindle" <i>EMBO J.</i> , 1996, pp.457-467, Vol. 15, No. 3.		
	C24	Vale et al., "Direct observation of single kinesin molecules moving along microtubules," <i>Nature</i> , 380:451-453 (1996).		
	C25	Walczak et al. "XKCM1: A Xenopus Kinesin-Related Protein That Regulates Microtubule Dynamics during Mitotic Spindle Assembly" <i>Cell</i> , 1996, pp. 37-47, Vol. 84.		
	C26	Wang et al., "Chromokinesin: a DNA-binding, Kinesin-like Nuclear Protein," <i>Journal of Cell Biology</i> , 128(5):761-768 (1995).		
	C27	Whitehead et al. "The Spindle Kinesin-Like Protein HsEg5 Is An Autoantigen in Systemic Lupus Erythematosus," <i>Arthritis &amp; Rheumatism</i> , 39(10):1635-1642 (1996).		
	C28	Wood et al., "CENP-E Is a Plus End-Directed Kinetochore Motor Required for Metaphase Chromosome Alignment," <i>Cell</i> , 91:357-366 (1997).		
	C29	Wordeman et al., "Identification and Partial Characterization of Mitotic Centromere-associated Kinesin, a Kinesin-related Protein That Associates with Centromeres during Mitosis," <i>Journal of Cell Biology</i> , 128(1 & 2):95-105 (1995).		
	C30	Yen et al., "CENP-E is a putative kinetochore motor that accumulates just before mitosis," <i>Nature</i> , 359:586-589 (1992).		

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